

EXHIBIT A

Do Not Disclose - Subject to Further Confidentiality Review

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UNITED STATES DISTRICT COURT

DISTRICT OF ARIZONA

No. MD-15-02641-PHX-DGC

IN RE BARD IVC FILTERS PRODUCTS

LIABILITY LITIGATION

DO NOT DISCLOSE

SUBJECT TO FURTHER CONFIDENTIALITY REVIEW

VIDEOTAPED DEPOSITION OF CLEMENT J. GRASSI, MD

Thursday, June 15, 2017

9:24 a.m.

Held At:

Nelson Mullins Riley & Scarborough LLP

One Post Office Square

Boston, Massachusetts

REPORTED BY:

Maureen O'Connor Pollard, RMR, CLR, CSR

1 Q. And you have not asked that question
2 either? You have not asked Bard "what have you
3 done to figure this out"?

4 A. I have not personally asked. I have
5 an interest in the subject of vena cava filters,
6 and so in answer to your question, I'm aware of
7 what some of its more recent physician
8 investigators have done in regard to the newer
9 filter version, such as Dr. William
10 Stavrouopoulos with the Denali filter.

11 But in specific answer to your
12 question, no, I have not personally asked Bard
13 workers what they've done.

14 Q. And with respect to the first
15 mechanism that you described, which is the
16 fatigue from high cycle stress -- did I
17 accurately identify that mechanism?

18 A. That's fair.

19 Q. -- what evidence are you aware of in
20 the medical literature that supports that
21 mechanism as explaining fractures?

22 A. Well, I'm aware of what's been
23 commented on in the published literature, not
24 only for Bard devices, but all filters. I'm

1 number of breaths and the number of cycles per
2 day that they quoted as their estimation of
3 standards.

4 Q. And you believe it's reasonable, the
5 discussion in that section, about the need for
6 an IVC filter to have the durability to last ten
7 years if it has an indication to be a permanent
8 filter?

9 A. In general, I agree that durability of
10 vena cava filter devices and longevity is
11 important.

12 Q. And you have not been provided with
13 anything from the lawyers or from Bard that
14 would show you how Bard and whether Bard did any
15 kind of testing to determine whether any of its
16 retrievable filters could meet that durability
17 standard?

18 MR. BROWN: Object to the form.

19 A. Well, in answer to that question, I am
20 aware of the processes and the standards that
21 the company C.R. Bard is required to undergo as
22 part of its FDA pre-acceptance testing under
23 what would be a 510(k) application. That
24 includes, and I believe I'm correct on this,

1 benchtop testing and stress testing of the
2 device over many hundreds of thousands of
3 cycles. However, I have not been provided the
4 specific documents on that topic.

5 BY MR. ROTMAN:

6 Q. Nor have you been provided with the
7 results of those tests?

8 A. That's correct.

9 Q. So you don't know how those tests --
10 what those tests show about the durability of
11 the Bard retrievable filters as compared to
12 their predicate devices?

13 A. Well, I may not have received the
14 multiple individual reports, but I would, of
15 course, rely on the FDA since it is the body
16 which approves the device. And since the device
17 was approved by the US FDA for clinical use,
18 then I would only have to assume that they met
19 or exceeded those benchmarks.

20 Q. Were you ever retained by Bard to
21 consult when it was dealing with a crisis that
22 involved a safety or a design issue with its
23 retrievable filters?

24 MR. BROWN: Object to the form.

EXHIBIT B

ATTACHMENT A

CLEMENT J. GRASSI, MD, FSIR

EDUCATION

Tufts University School of Medicine, Boston, MA
M.D., 1980

Harvard College, Cambridge, MA
B.A., Biology, cum laude, 1976

FELLOWSHIPS

- Fellow in Magnetic Resonance Imaging and Computed Tomography (sabbatical), Beth Israel/ Deaconess Hospital, Boston, MA, 1995
- Fellow in Cardiovascular and Interventional Radiology (two-year program) Brigham and Women's Hospital, Boston, MA, 1985-87
- Research Fellow in Basic Science, SV-40 tumor virus, Tufts New England Medical Center, Boston, MA, 1980

INTERNSHIPS AND RESIDENCIES

- Resident in Diagnostic Radiology, Beth Israel/ Deaconess Hospital, Boston, MA, 1982-85
 - Resident in Internal Medicine, Beth Israel/ Deaconess Hospital, Boston, MA, 1981-82
 - Intern in Pathology (Surgical, Autopsy), Massachusetts General Hospital, Boston, MA, 1980-81
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LICENSURE AND CERTIFICATION

- American Board of Radiology Certification, 1986
 - CAQ (Certificate of Added Qualifications) in Vascular & Interventional Radiology, American Board of Radiology, 1996 & 2006
 - Massachusetts Medical License
 - National Board of Medical Examiners Diplomate
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PRACTICE ACTIVITY

Interventional and Vascular Radiology (examples are listed, not meant to be all inclusive)

- Angiography and endovascular interventions including angioplasty/stenting
- Dialysis access and interventions
- Vena cava filter placements and retrievals
- Venography, vein care, venous access, catheter and port placements
- Biopsies
- Abscess drainages, aspirations
- Nephrostomy and tube placements; ureteral stent and genitourinary procedures
- Biliary drainages and procedures including stenting
- Embolization (e.g. UFE, bleeding indications or tumor)
- Chemoembolization
- Radiofrequency and other ablations

General Radiology

- Plain film imaging (e.g. chest, abdomen, extremity/bone, emergency department imaging)
- Ultrasound including vascular and Doppler studies
- CT
- MRI/MRA

HOSPITAL OR AFFILIATED INSTITUTION APPOINTMENTS

Staff Radiologist, Brigham and Women's Hospital	1986-2001
Staff Radiologist, Lahey Clinic Medical Center	2001-2006
and Affiliate Staff Radiologist, Boston VA Medical Center	2003-2010
Staff Radiologist, UMass Memorial Medical Center	2009-2010
Staff Radiologist, N.E. Baptist Hospital	2003-present

Research Areas of Interest:

1. New devices and techniques in percutaneous intervention:
 - double lumen 'Grassi' gastrojejunostomy tube, U.S. patent # 5,078,701
 - angioplasty, stenting, thrombectomy and cryoplasty in peripheral vascular disease
2. Prevention of venous thromboembolism by inferior vena cava filters
 - Magnetic resonance imaging
 - Nitinol filter, multicenter trials: Principal Investigator at Brigham and Women's Hospital
3. Contrast agents of magnetic resonance imaging
4. Computerized methods of quality assurance in Radiology Departments

Research Funding Information:

Study Sponsor: Nitinol Medical Technologies, Inc.	1989-92
Principal Investigator for the Simon Nitinol Filter Multicenter Study, funded	
Study Sponsor: B. Braun Medical Inc.	
Principal Investigator for the "Tempo filter" - Temporary Vena Cava Filter/ VenaTech Permanent Filter Multicenter Study, funded	1998-01
Study Sponsor: Guerbet Corporation	2002-05
Principal Investigator for Dotarem contrast agent Comparison of cardiovascular MR and catheter angiography, funded	

ACADEMIC APPOINTMENTS

Clinical Fellow in Radiology, Harvard Medical School	1985-1987
Instructor in Radiology, Harvard Medical School	1986-1988
Assistant Professor of Radiology, Harvard Medical School	1988-2001
Associate Professor of Radiology, University of Massachusetts Medical School	2009-2011

Leadership Positions:

Educational Coordinator of curriculum/ lectures for Radiology Residents and Harvard Medical students in Cardiovascular and Interventional Radiology, Brigham & Women's Hospital (BWH)	1997-2001
Educational Coordinator for Grand Rounds Radiology speakers in CVIR, Brigham and Women's Hospital	1999-2000
Director, Interventional/Vascular Radiology, Boston Healthcare System VA Medical Center	2005-2009
Director, Interventional/Vascular Radiology, UMass Memorial Medical Center	2009-2010

Society Office Positions:

Chair, Standards of Practice Committee, Society of Interventional Radiology (SIR)	2005-2008
Standards of Practice Committee member, Society of Interventional Radiology	1998- present
PAD Task Force member, Society of Interventional Radiology (SIR)	2007-2008
American College of Radiology Guidelines and Standards Committee member, Interventional and Cardiovascular Radiology Commission	2003-2008
Chair, Technology Assessment Committee, Society of Interventional Radiology (SIR)	2003-2005
Scientific Program Committee member, Radiological Society of North America, Cardiovascular Radiology	1999-2003
Executive Council, American Heart Association, CVIR division	1996-2002
President, New England Society for Cardiovascular and Interventional Radiology	1994-1995

Committee Responsibilities:

Quality Assurance Committee, Department of Radiology, UMass Memorial Medical Center	2009-2010
Hospital Venous Access Committee, UMass Memorial Medical Center	2009-2010
Research IRB (Investigational Review Board) Member, Lahey Clinic Medical Center	2002-2006
Contrast Safety Committee, Brigham & Women's Hospital	1999-2000
Education Committee, Department of Radiology, BWH	1997-2001
Operational Safety and Health Committee, Physician Coordinator, BWH	1992-2001
X-Ray User's Group, Brigham and Women's Hospital	1991-1992
Quality Assurance Computer Screening Committee, CVIR, BWH	1988-1991

Professional Societies:

Society of Interventional Radiology, Senior Fellow (FSIR)	1993-
Society of Interventional Radiology	1988-
New England Society of Interventional Radiology	1985-
Radiological Society of North America	1984-
New England Roentgen Ray Society, Inc.	1981-

Awards and Honors:

Editor's Recognition Award for reviewing with Distinction, from editor of Radiology, Anthony V. Proto, M.D.	1999, 2000
Distinguished Reviewer Award from the editor of JVIR (Journal of Vascular and Interventional Radiology)	1993, 1994, 1996 1997, 1998, 1999
RadioGraphics Editor's Certificate of Recognition for outstanding service to the RSNA and RadioGraphics in the review of scientific exhibits	1996, 1997, 1998
RSNA cum laude award for scientific exhibit. Chopra PS, Kandarpa K, Grassi CJ, Singer S, Harrington DP. Computerized database for quality assurance in Cardiovascular and Interventional Radiology	1989
Senior Fellow, Society of Interventional Radiology (FSIR)	1988 - present

Other Professional Positions and Visiting Appointments:

Invited medical consultant to the Royal Family in Saudi Arabia. Armed Forces Hospital and National Guard Hospital, Riyadh, Saudi Arabia. By invitation of the Royal Family and U.S. Embassy, Washington, D.C.	1990
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Healthcare/Community Service Related to Professional Work:

Clinical Laboratory Chemist, Brookline Hospital, Brookline, MA - work in clinical chemistry, hematology and blood banking.	1973-79
President of Trustees, Arsenal Park Unit Trust, Watertown, MA	1987-91

Editorial Boards:

Editor, American Heart Association Council Newsletter <i>Cardiovascular Radiology</i>	1996-98
Co-Chair, Communications Committee and Co-Editor, American Heart Association Council Newsletter for Cardiovascular Radiology	1998-2002
Reviewer, Journal of Vascular & Interventional Radiology	1992-
Reviewer, Radiology	1996-2001
Reviewer, scientific exhibits at Radiological Society of North America (RSNA) and for RadioGraphics journal	1996, 97, 98, 99
Reviewer, scientific paper selection prior to session presentation, RSNA Scientific Program Committee	1999-2003

Teaching/ Educational Activity, including Post-Graduate Teaching:
(listed chronologically by date)

1986-88 fall semester	Radiology Instructor & Faculty Harvard Medical School Cardiovascular Physiology Laboratory
1986-2002	Radiology Faculty Member for Radiology Clerkship (3rd, 4th year medical students), Brigham and Women's Hospital, Boston, MA.
October 1986	Invited speaker and faculty, "Catheters, guidewires and new advances" at Angiography & Interventional Radiology: 1986, Harvard Medical Continuing Education Course, Hyatt Regency, Cambridge, MA.
October 1987	Invited speaker and faculty, "Upper extremity venous thrombosis" and "Percutaneous transfemoral IVC filters" at Angiography & Interventional Radiology: 1987, Harvard Medical Continuing Education Course, Hyatt Regency, Cambridge, MA.
June 1988	Invited speaker and faculty, Workshop "Coronary arteriography: cases and complications" at Coronary_Arteriography: 1988, Harvard Medical Continuing Education Course, Hyatt Regency, Cambridge, MA.
October 1988	Invited speaker and faculty, "Interruption of the IVC: filter update 1988", and Workshop "IVC filter placement" at Angiography & Interventional Radiology: 1988, Harvard Medical Continuing Education Course, Hyatt Regency, Cambridge, MA.
Feb-March 1989	Invited speaker, "Coronary Arteriography for CAD" at Course in Cardiac Radiology sponsored by the New England Roentgen Ray Society, Beth Israel Hospital, Boston, MA.

September 1989	Invited speaker and faculty, "Vena caval filters, 1989", Workshops "IVC filters" and "Noninvasive vascular studies" at Cardiovascular Imaging & Interventional Radiology: 1989, Harvard Medical Continuing Education Course, Hyatt Regency, Cambridge, MA.
January 1990	Grand rounds speaker, Department of Radiology, Brigham & Women's Hospital and Harvard Medical School, "Transvenous vena caval filters for prevention of pulmonary embolism", Boston, MA.
October 1990	Invited speaker and faculty, "IVC filters update" and Workshops "Percutaneous filter insertion" at Cardiovascular Imaging & Interventional Radiology: 1990, Harvard Medical Continuing Education Course, Hyatt Regency, Cambridge, MA.
March 1991	Grand rounds speaker, Department of Radiology, New England Deaconess Hospital, "IVC filters-choices and controversies", Boston, MA.
September 1991	Invited speaker, "IVC filters-types and placement", at the New England Society of Vascular and Interventional Radiology, Boston, MA.
April 1992	Invited speaker and faculty, <i>Controversies and Consensus Panel</i> , "Choosing an IVC filter" at the 17th Annual Meeting, Society of Cardiovascular and Interventional Radiology, Washington, D.C.
October 1992	Invited speaker and faculty, First International Symposium on Cardiovascular and Interventional Radiology: "IVC Filters: Update, Interventions", Harvard Medical School, Boston, MA.
December 1992	Invited speaker and faculty, Refresher Course 450 and "How-to" workshop, "Percutaneous placement of inferior vena cava filters", Radiological Society of North America 78th Annual Meeting, Chicago, IL.
Mar.-Apr. 1993	Course Co-Director and speaker, Biannual Course in Cardiac Radiology, "Technique and tools of cardiac angiography", sponsored by the New England Roentgen Ray Society, Boston, MA.
December 1993	Invited speaker and faculty, Refresher Course 151 and "How-to" Workshop, "Percutaneous placement of inferior vena cava filters", Radiological Society of North America 79th Annual Meeting, Chicago, IL.
March 1994	Invited speaker and faculty, Vena Caval Filters Workshop, Society of Cardiovascular & Interventional Radiology 18th Annual Meeting, San Diego, CA.
September 1994	Invited speaker, "IVC filters: When, where and why?", New England Conference of Radiology Technologists Annual Meeting, Hyannis, MA
October 1994	Invited speaker and faculty, 2nd International Symposium on Cardiovascular & Interventional Radiology, Harvard Medical Continuing Education Course, "IVC filters: current choices" and Workshops "IVC filters", Cambridge, MA.

December 1994	Grand rounds speaker, "IVC Filter Update". Mount Auburn Hospital, Cambridge, MA.
December 1994	Invited speaker and faculty, Refresher Course 751 and "How-to" Workshop, "Percutaneous placement of inferior vena cava filters", Radiological Society of North America 80th Annual Meeting, Chicago, IL.
March 1995	Invited speaker and faculty, Vena Cava Filter Course 307, Society of Cardiovascular and Interventional Radiology 20th Annual Meeting, Ft. Lauderdale, FL.
March 1995	Invited speaker and faculty, Course in Cardiac Radiology, sponsored by the New England Roentgen Ray Society, Boston, MA.
December 1995	Invited speaker and faculty, Refresher Course 851 and "How-to" Workshop, Percutaneous placement of inferior vena cava filters", Radiological Society of North America 81st Annual Meeting, Chicago, IL.
March 1996	Invited speaker and faculty, IVC Filters Workshop 122, Society of Cardiovascular and Interventional Radiology 21st Annual Meeting, Seattle, WA.
April-May 1996	Invited faculty member for Deaconess Hospital radiology resident teaching in CVIR, Boston, MA.
September 1996	Invited speaker, "IVC filters: New Uses", Falmouth, MA.
October 1996	Invited speaker and faculty, "Pulmonary thromboembolic disease and IVC filter current status", and Workshops "IVC Filters", Third International Symposium on Cardiovascular and Interventional Radiology, Harvard Medical School and Brigham & Women's Hospital Department of Radiology, Cambridge, MA.
March 1997	Coordinator for the IVC Filter Workshops (four), and faculty speaker at the Society of Cardiovascular and Interventional Radiology 22nd Annual Meeting, Washington, D.C.
December 1997	Invited speaker and faculty, Course 651 "Managing complications of central venous access" (How-to Session), Radiological Society of North America 83rd Annual Meeting, Chicago, IL.
March 1998	Invited speaker and faculty, Vena Cava Filters W740, Society of Cardiovascular and Interventional Radiology 23rd Annual Meeting, San Francisco, CA.
April 1998	Invited participant and committee member, Vena Caval Filter Consensus Conference, Creation of International Reporting Standards in association with the University of Michigan Department of Surgery, April 13-14, 1998, Hotel Sofitel, Chicago, IL.

November 1998	Invited speaker and faculty, Course 151, "Managing complications of central venous access" (How-to Session), Radiological Society of North America 84th Annual Meeting, Chicago, IL.
February 1999	Invited speaker, "Anticoagulation, Temporary or Permanent IVC Filters?", Maine Medical Center, Portland, ME.
March 1999	Invited speaker and faculty, Vena Cava Filters W740, Society of Cardiovascular and Interventional Radiology 24th Annual Meeting, Orlando, FL.
September 1999	Invited speaker, Department of Surgery, Brigham & Women's Hospital, "Aspects of Peripheral Angiography and Intervention Important for the Surgeon", Wednesday lecture series, Boston, MA.
October 1999	Invited panelist, 'VIP Roundtable', "New Thrombolytic Strategies", Centocor/Johnson & Johnson, Malvern, PA.
November 1999	Invited speaker and faculty, Course 151, "Managing Complications of Central Venous Access" (How-to Session), Radiological Society of North America 85th Annual Meeting, Chicago, IL.
February 2000	Invited roundtable member, "Peripheral Vascular Disease, Advanced Generation Therapies", Centocor /Johnson & Johnson, Inc., Coral Gables, FL.
March 2000	Invited speaker, Grand Rounds, "Reperfusion by Design", Department of Radiology, Concord Hospital, Concord, NH.
March 2000	Faculty and course speaker, "Inferior Vena Cava Filters" (17), Society of Cardiovascular and Interventional Radiology 25th Annual Meeting, San Diego, CA.
December 2000	Invited speaker and faculty for Refresher Course No. 151, "Managing Complications of Central Venous Access", Radiological Society of North America 86 th Annual Meeting, Chicago, IL.
April 2001	Invited speaker, "New Pharmacologic Approaches to the Treatment of Vascular Disease", Centocor /Johnson & Johnson, Centerville, PA.
September 2001	Invited speaker, "New Strategies in Thrombolysis", Department of Radiology, Emerson Hospital, Concord, MA.
November 2001	Invited speaker and faculty for Refresher Course "Managing Complications of Central Venous Access", No. 151, Radiological Society of North America 87th Annual Meeting, Chicago, IL.
November 2001	Presiding moderator, scientific session Cardiovascular (Interventional: stents, restenosis) 11/26/01, Radiological Society of North America 87th Annual Meeting, Chicago, IL.

April 2002	Invited speaker, workshop "Thrombolytic Therapy", Society of Interventional Radiology 27th Annual Meeting, Baltimore, MD.
December 2002	Invited speaker and faculty for Refresher Course "Managing Complications of Central Venous Access", No. 151, Radiological Society of North America 88th Annual Meeting, Chicago, IL.
December 2002	Presiding moderator, scientific session Cardiac (Cardiac CT/MR Imaging: Coronary Angiography) 12/2/02, Radiological Society of North America 88th Annual Meeting, Chicago, IL.
March 2003	Invited speaker, workshop "Inferior Vena Cava Filtration (Hands On)", Society of Interventional Radiology 28th Annual Meeting, Salt Lake City, Utah.
December 2003	Invited speaker and faculty for Refresher Course "Managing Complications of Central Venous Access", No. 251, Radiological Society of North America 89th Annual Meeting, Chicago, IL.
December 2003	Presiding moderator, scientific session Cardiac (Cardiac CT, MR imaging: Pulmonary Veins) 12/2/03, Radiological Society of North America 89th Annual Meeting, Chicago, IL.
March 2004	Invited speaker, workshop "Inferior Vena Cava Filtration (Hands On)", Society of Interventional Radiology 29th Annual Meeting, Phoenix, AZ.
December 2004	Invited speaker and faculty for Refresher Course "Central Venous Access: Managing Complications and Access Challenges", No. 450, Radiological Society of North America 90th Annual Meeting, Chicago, IL.
April 2005	Invited speaker, workshop "Comprehensive Management of Infrainguinal Occlusive Disease", Society of Interventional Radiology 30th Annual Meeting, New Orleans, LA.
December 2005	Invited speaker and faculty for Refresher Course "Problematic Central Venous Access (Dos and Don'ts)", No. 450, Radiological Society of N. America 91st Annual Meeting, Chicago, IL.
April 2006	Invited speaker, workshop "Comprehensive Management of Infrainguinal Occlusive Disease", Society of Interventional Radiology 31st Annual Meeting, Toronto, Ontario, Canada.
December 2006	Invited speaker and faculty for Refresher Course "Problematic Central Venous Access (Dos and Don'ts)", No. 450, Radiological Society of North America 92nd Annual Meeting, Chicago, IL.
March 2007	Invited speaker, workshop "Endovascular Treatment of Infrainguinal Disease", Society of Interventional Radiology, 32nd Annual Meeting, Seattle, WA.

December 2007	Invited speaker and faculty for Refresher Course “Problematic Central Venous Access (Dos and Don’ts)”, No. 450, Radiological Society of North America 93rd Annual Meeting, Chicago, IL.
March 2008	Invited speaker and faculty, Categorical Course “Case Based Review: Peripheral Arterial Interventions”, Society of Interventional Radiology 33rd Annual Meeting, Washington, D.C..
March 2008	Presiding moderator, Scientific Session #19, Peripheral Arterial Imaging and Intervention, Society of Interventional Radiology 33rd Annual Meeting, Washington, D.C.
March 2010	Coordinator of workshops (two), and faculty speaker, “Inferior Vena Cava Filtration (Hands-On)”, Society of Interventional Radiology 35th Annual Meeting, Tampa, FL.
March 2011	Coordinator of workshops (two), and faculty speaker. “Venous Thromboembolic Disease III: Vena Cava Filters (Hands-On), Society of Interventional Radiology 36th Annual Meeting, Chicago, IL.
November 2011	Presiding moderator, Scientific Formal (Paper) Sessions, Vascular/Interventional (Male and Female Pelvis) 11/27/11, E352 Radiological Society of North America 97th Annual Meeting, Chicago, IL.
March 2012	Coordinator of workshops (two), and faculty speaker, “Venous Thromboembolic Disease III: Vena Cava Filters (Hands-On), Society of Interventional Radiology 37th Annual Meeting, San Francisco, CA.
April 2013	Invited speaker and faculty, workshop “Venous Thromboembolic Disease III: IVC Filters (Hands-On)”, Society of Interventional Radiology, 38th Annual Meeting, New Orleans, LA.

BIBLIOGRAPHY

Original Reports

1. Casola G, Grassi CJ. Radiologic-pathologic correlation: Right upper quadrant mass in a 39-year-old woman. *Applied Radiology* 1983;12:71-77.
 2. Grassi CJ, Lee RGL, Pezzuti RT, Hill TC, Clouse ME. Accumulation of Ga-67 citrate in an inguinal hernia simulating scrotal pathology. *Clin Nucl Med* 1984; 9:111.
 3. Grassi CJ, Alday MR, Costello P, Clouse ME. Computed tomography appearance of subcutaneous endometrioma. *J Computed Tomog* 1985; 9:157-159.
 4. Clouse ME, Harrison DA, Grassi CJ, Costello P, Edwards SA, Wheeler HG. Lymphangiography, ultrasonography, and computed tomography in Hodgkin's disease and non-Hodgkin's lymphoma. *J Computed Tomog* 1985; 9:1-8.
 5. Grassi CJ, Lee RG, Hill TC, Clouse ME. ^{99m}Tc-sulfur colloid scintigraphy of vascular thrombosis in pancreatocystic transplant. *Clin Nucl Med* 1986; 11:558-559.
 6. Grassi CJ, Boxt LM, Bettmann MA. Partial splenic embolization for painful splenomegaly. *Cardiovasc and Intervent Radiol* 1987; 10:291-294.
 7. Reagan K, Bettmann MA, Finkelstein J, Ganz P, Grassi CJ. Double-blind study of a new nonionic contrast agent for cardiac angiography. *Radiology* 1988; 167:409-413.
 8. Grassi CJ, Bettmann MA, Rogoff P, Reagan K, Harrington DP. Arteriovenous fistula after Kimray-Greenfield filter placement: Complication and means of prevention. *AJR*, 1988; 151:681-682.
 9. Stoll JF, Polak JF, Grassi CJ. Crohn's disease with massive lower gastrointestinal hemorrhage from multiple bleeding sites: Case report. *Intervent Radiol* 1988; 3 (3).
 10. Wilkinson DL, Polak JF, Grassi CJ, Whittemore AD, O'Leary DH. Pseudoaneurysm of the vertebral artery: Color flow Doppler appearance. *AJR* 1988; 151:1051-1052.
 11. Grassi CJ, Bettmann MA, Finkelstein J, Reagan K. Ioversol: Double-blind study of a new low osmolar agent for peripheral and visceral arteriography. *Invest Radiol* 1989; 24:133-137.
 12. Grassi CJ, Goldhaber SZ. Interruption of the inferior vena cava for prevention of pulmonary embolism: transvenous filter devices. *Herz* 1989; 14:182-191.
-
13. Grassi CJ. Modified gastrojejunostomy tube: percutaneous placement for gastric decompression and jejunal feeding. *Radiology* 1989; 173:875-876.
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14. Belkin M, Donaldson MC, Whittemore AD, Polak JF, Grassi CJ, Harrington DP. Observations on the use of thrombolytic agents for thrombotic occlusion of infrainguinal vein grafts. *J Vasc Surg* 1990; 11:289-294.

15. Meyerovitz MF, Goldhaber SZ, Reagan K, Polak JF, Grassi CJ, Donovan BC, Bettmann MA, Harrington DP. Recombinant tissue-type plasminogen activator versus urokinase in peripheral arterial and graft occlusions: a randomized trial. *Radiology* 1990; 175:75-78.
16. Janicek M, Grassi CJ, Meyerovitz M, et al. Atherosclerosis, peripheral arterial disease and the vascular response to Ketanserin. *Invest Radiol* 1990; 25:495-503.
17. Grassi CJ, Bettmann MA. Effort thrombosis: role of interventional therapy. *Cardiovasc and Intervent Radiol* 1990; 13:317-322.
18. Grassi CJ, Polak JF. Axillary and subclavian venous thrombosis: follow-up evaluation with color Doppler flow US and venography. *Radiology* 1990; 175:651-654.
19. Grassi CJ. Inferior vena caval filters: analysis of five currently available devices. *AJR* 1991; 156:813-821.
20. Grassi CJ, Matsumoto AH, Teitelbaum GP. Vena caval occlusion after Simon Nitinol filter placement: MRI demonstration in patients with malignancy. *J Vasc Interv Radiol* 1992; 3:535-539.
21. Chopra PS, Grassi CJ. Superior mesenteric artery angioplasty with the TEG wire: usefulness and technical difficulties. *J Vasc Interv Radiol* 1992; 3:523-526.
22. Hunink MG, Donaldson MC, Meyerovitz MF, Polak JF, Whittemore AD, Kandarpa K, Grassi CJ, Aruny J, Harrington DP, Mannick JA. Risks and benefits of femoropopliteal percutaneous balloon angioplasty. *J Vasc Surg* 1993; 17:183-194.
23. Hagspiel KD, Polak JF, Grassi CJ, Fایتelson BB, Kandarpa K, Meyerovitz MF. Pulmonary embolism: comparison of cut film and digital angiography. *Radiology* 1998; 207:139-145.
24. Saouaf R, Grassi CJ, Hartnell GG, Wheeler H, Suojanen JN. Complete MR angiography and Doppler ultrasound as the sole imaging modalities prior to carotid endarterectomy. *Clin Radiol* 1998; 53; 579-586.
25. Lee MC, Grassi CJ, Belkin M, Mannick JA, Whittemore AD, Donaldson MC. Early operative intervention after thrombolytic therapy for primary subclavian vein thrombosis: an effective treatment approach. *J Vasc Surg* 1998; 27: 1101-8.
26. Aruny JE, Lewis CA, Cardella JF, Cole PE, Davis A, Drooz, Grassi CJ, et al. Quality improvement guidelines for percutaneous management of the thrombosed or dysfunctional dialysis access. *J Vasc Interv Radiol* 1999; 10: 491-498.
27. Participants in the Vena Caval Filter Consensus Conference (listed alphabetically, Grassi CJ listed 6th). Recommended Reporting Standards for Vena Caval Filter Placement and Patient Follow-Up. *J Vasc Interv Radiol* 1999; 10: 1013-1019.
- ~~28. Participants in the Vena Caval Filter Consensus Conference (listed alphabetically, Grassi CJ listed 6th). Recommended Reporting Standards for Vena Caval Filter Placement and Patient Follow-up. *J Vasc Surg* 1999; Vol 30, No. 3, September.~~

29. Grassi CJ, principal author, and members of the CSC Subcommittee. ACR Standard for the Performance of Percutaneous Permanent Inferior Vena Cava Filter Placement for the Prevention of Pulmonary Embolism. American College of Radiology publication, 2001.
 30. Haskal ZJ, Martin L, Cardella JF, Cole PE, Drooz A, Grassi CJ et al. Quality Improvement Guidelines for Transjugular Intrahepatic Portosystemic Shunts. *J Vasc Interv Radiol* 2001; 12, 131-136.
 31. Grassi CJ, Swan TL, Lewis CA and members of the SCVIR Standards of Practice Committee. Quality Improvement Guidelines for Percutaneous Permanent Inferior Vena Cava Filter Placement for the Prevention of Pulmonary Embolism. *J Vasc Interv Radiol* 2001; 12(2) 137-41.
 32. Ramchandani P, Cardella JF, Grassi CJ, Roberts AC, Sacks D, Schwartzberg MS et al. Quality Improvement Guidelines for Percutaneous Nephrostomy. *J Vasc Interv Radiol* 2001; 14(11): 1247-51.
 33. Singh H, Cardella JF, Cole PE, Grassi CJ, McCowan TC, Swan TL et al. Quality improvement guidelines for diagnostic arteriography. *J Vasc Interv Radiol* 2002; 13(1): 1-6.
 34. Davison BD, Grassi CJ. TrapEase inferior vena cava filter placed via the basilic arm vein: a new antecubital access. *J Vasc Interv Radiol* 2002; 13(1):107-109.
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